



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TDD #: (608) 264-8777

Jim Doyle, Governor  
Mary P. Burke, Secretary

## Wisconsin Department of Commerce, Bureau of PECFA Bid Document

### SECTION 1 - Scope of Work

The Bureau of PECFA is seeking competitive bids to perform remedial services for a petroleum release from a regulated petroleum product storage tank system. This bid is for a specified work scope. The site upon which bids are being solicited is:

**Bid Round:** 48  
**Comm #:** 53713-2247-19-A  
**BRRTS #:** 02-13-001562  
**Site Name:** Rasmussen Fuel Co  
**Site Address:** 2619 Industrial Dr, Monona, 53713  
**Site Manager:** Wendell Wojner  
**Address:** 3911 Fish Hatchery Rd  
**City, State Zip:** Fitchburg, WI 53711-5367  
**Phone:** 608-275-3297  
**e-mail:** wendell.wojner@wisconsin.gov  
**Bid Manager:** Jon Heberer  
**Address:** P.O. Box 8044  
**City, State Zip:** Madison, Wisconsin 53708-8044  
**Phone:** (608) 261-5405  
**e-mail:** Jon.Heberer@Wisconsin.Gov

<b>Bid-Start Date:</b>	<b>March 26, 2007</b>
<b>Questions must be received by (See Section 2 (B)):</b>	<b>April 09, 2007 4:00 PM</b>
<b>Responses will be posted by (See Section 2 (B)):</b>	<b>April 27, 2007</b>
<b>Bid-End Date and Time:</b>	<b>May 11, 2007 4:00 PM</b>

The case file, including report(s) and other pertinent information upon which bids are being sought, are available for review at the Site Manager's location listed above. Please contact the Site Manager for an appointment to review the file.

Copies of report(s) and other pertinent information are available for purchase at the location listed below. If pertinent information is not available, please contact the Site Manager.

**Action Legal-Madison, 1 E Main, Madison, WI 53703**  
**Phone: (608) 663-1041 Fax: (608) 663-1045**

## **SECTION 2 – Site-Specific Bid Requirements**

### **General Comments**

The property formerly held twelve ASTs that contained a variety of petroleum products (gasoline, Stoddard Solvent, kerosene, fuel oil, diesel). The tanks ranged in size from 10,000 to 17,600 gallons. The ASTs were located adjacent each other in a bermed area. A loading/unloading rack was located adjacent to the ASTs. The tanks and piping were removed in June 1994. There were also a 560 gallon gas UST located on the south side of the warehouse, and a 560 gallon fuel oil UST located on the north side of the warehouse.

Soil contamination exists at the former location of the loading rack and ASTs. This contamination extends to at least 10 feet (depth of most of the soil borings) and in a few locations (MW01, MW03, MW09) is shown to have reached the water table at approximately 35 feet.

The depth to water is approximately 35 feet with groundwater flow generally towards the northwest. Sampling during November 2004 confirmed free phase product present in wells MW01, MW09 and MW15.

The site was placed in the Public Bid Process Round 36. The Minimum Remedial Requirements were to install and operate a pilot scale dual phase extraction system. Groundwater monitoring was also performed.

Documents related to the site include:

- Pilot Test Summary Report, BT2 Inc. September 5, 2006
- Lab Report, Rasmussen Fuel, MWH Global, December 5, 2004
- Groundwater Investigation Report Addendum – CVOCs, MWH, December 18, 2002
- UST Soil and Groundwater Investigation Report Addendum, Montgomery Watson, December 26, 2000
- Soil and Groundwater Investigation Rasmussen Fuel Company, Montgomery Watson, May 16, 1995.

2) The following Environmental Factor(s) were identified in the Site Investigation Report for this site:

Documented expansion of the plume margin.

Petroleum product that is not in the dissolved phase is present with a thickness of .01 feet or more, and verified by more than one sampling event.

### **Minimum Remedial Requirements**

Prepare a remedial action plan for the design, installation and operation of a dual phase remediation system with the installation of two additional dual phase extraction wells to be utilized with the existing well MPX-1. The new 4 inch diameter wells shall be designed to extract vapor and free product. The extraction wells shall be installed to a depth of 35-40 feet below ground surface with 10 foot screens. The multi-phase extraction system shall include equipment of sufficient horsepower to operate the system. All system components shall meet explosion proof requirements. Appropriate sized connections must be made to the extraction wells. The system should be designed so that all three extraction wells can be operated individually or in any combination. A brief description of the remediation system including components, the

estimated size, horsepower or capacity of components and proposed necessary permits for air and water discharges is required on page 3 of the bid response.

System operation and maintenance activities need to be performed on a regular basis. The maintenance activities at a minimum must consist of;

- A) Maintenance of the Liquid Ring Vacuum Pump;
- B) Observations of the Oil/Water Separator;
- C) Measurements of the Free Product Collection drum;
- D) Vacuum readings at various wells to determine radius of influence of the extraction system;
- E) Measurements monthly for the initial 3 months of remedial system operation and then at least quarterly of water elevations and free product at all well sites;
- F) Collection of monthly discharge samples for petroleum volatile organic compounds, collection of system exhaust air samples for Total VOCs and benzene analysis on the appropriate timeframe for Air Quality standards.

The dual phase extraction system is to be designed, installed and operated to extract soil vapor and the free phase product from the area near MPX1, MW01, MW03, MW09, MW15 and MW16, refer to figure 2 of Pilot Test Summary Report by BT<sup>2</sup>, Inc. The system should be designed with a sufficient number of wells to efficiently remediate the contamination in this area.

The system shall be installed and operated for three months and then evaluated for the following factors:

- the effective capture radius around each SVE well, groundwater/product capture well, and the remedial system as a whole
- pounds of contamination removed through the SVE system
- product thickness in all wells and extraction wells at start of remediation, during remediation and at the end of three (3) months of operation
- volume of product removed by the system during operation
- other information relevant to determining the efficacy of the system at removing contamination.

A groundwater sampling plan shall also be implemented that includes the following wells:

MW01, MW02, MW03, MW04, MW05, MW06, MW07, MW08, MW08A, MW09, MW10, MW11, MW12, MW13, MW14, MW15, MW16.

The wells shall be sampled once prior to starting the dual phase extraction system, and then on a quarterly basis for a period of two years. The wells shall be sampled for water elevation, product thickness (if product is present), volatile organic compounds, poly-aromatic hydrocarbon compounds, natural attenuation parameters and groundwater elevation using accepted field and laboratory procedures. Historical detections of chlorinated compounds along with petroleum contaminants in the groundwater warrant continued VOC sampling for future closure evaluation. Natural Attenuation (field or laboratory parameters): Dissolved Oxygen, Redox, Nitrate, Ferrous Iron, and Sulfate are to be sampled and analyzed prior to the start of the remedial system and then on an annual basis for two years. The additional cost for VOC analysis instead of PVOC analysis is not PECFA eligible. Therefore, only the cost of the PVOC analysis shall be included in the bid response. Modifications to the number monitoring wells, sampling parameters and frequency could be made following review of analytical reports. On page 2 of the bid response, bidders shall provide contingency unit rates for both

monitoring well sampling and laboratory analytical costs for PVOC and PAH in the event more or less samples are analyzed.

Groundwater elevations shall be measured at each groundwater monitoring well at the time of sampling. The presence and thickness of product, if present in a well, shall be measured. Site visits to complete this task should be completed at the same time as measurements from the SVE system are collected.

To determine the pounds of contamination removed by the SVE system, exhaust gas from the system shall be tested at the following frequency after starting the system: 1 hour, 12 hours, 24 hours, 72 hours, 1 week, 3 weeks, every 2 weeks thereafter through the remainder of the 3 month testing period and monthly for the remainder of 1 year.

The consultant should use the knowledge gained at this site from the groundwater analytical results and remediation system results to make a recommendation for the modification to the groundwater sampling plan that will effectively track the plume from the site and for modification to the remedial system operation. The plan should list the wells, parameters and sampling frequency you think will monitor plume movement and concentrations. In addition to the wells installed as part of this site investigation, the plan can also consider whether monitoring wells from the neighboring (to the north) site of Kilgust Mechanical (BRRTs # 03-13-002287) may be valuable as part of a future groundwater sampling plan. In addition, the plan should evaluate the remediation system for additional extraction wells, continued operation or shutdown. If a future change order is needed to modify the cost cap, Commerce will use the bid unit rates and contingency costs for the modifications.

While this bid is not a bid to closure, there is a possibility of attaining closure at the conclusion of the work scope conducted under this bid. If closure is appropriate, prepare and submit a complete closure report and GIS Registry packet (consistent with ch. NR 726, Wis. Adm. Code requirements) for closure consideration. For the purposes of the bid, bidders should include all closure-related costs (including, but not limited to final well abandonment costs, closure form and narrative, GIS packet, deed restriction and maintenance plan) in their bid total. On page three of the bid response, provide a separate line item that provides the amount of the total bid cost that is associated with the closure-related costs. If closure is available following the work scope activities conducted, then the cost cap established by this bid will be modified by the amount of the closure-related costs.

#### Reporting Requirements

The following reports are to be submitted upon completion of the work outlined above:

A report summarizing the operation of the dual phase extraction system after the three month time period and quarterly for the remainder of 1 year. The report shall include the following information:

- capture radius around each SVE well, groundwater/product capture well, and the remedial system as a whole
- pounds of contamination removed through the SVE system
- product thickness in all monitoring wells and extraction wells at start of remediation, during remediation and at the end of three (3) months of operation
- volume of product removed by the system during operation

- other information relevant to determining the efficacy of the system at removing contamination
- the consultants recommendations for modification of the groundwater sampling and modification and operation of the remedial system

In addition to the Comm 47 reporting requirements, on a quarterly basis a brief report with tables summarizing the groundwater quality data is to be submitted within 45 days of the receipt of the laboratory data for each groundwater sampling event except the last groundwater sampling event. Provide a final report that includes the results of the groundwater monitoring. The tables should include all the previously collected groundwater data. That data is available in the file at WDNR for this site. The data shall also be submitted in paper form, and in an Excel spreadsheet on computer media such as a cd or diskette.

A table summarizing the groundwater elevation data collected during this Scope of Work. Two to three groundwater flow maps shall also be prepared and submitted. One map shall be drawn from elevation data collected prior to operating the remedial system, one map from data collected while the remedial system is operating, and one from elevation data collected after the operation of the remedial system that depicts a significant variation in groundwater flow direction.

#### Remedial Waste Management

The bid shall include the costs for disposal of all wastes generated from this remedial action. This includes proper disposal of all soil generated by installing the remedial system and any other wastes generated by this scope of work.

#### Bid Requirements

All bids shall include the cost for implementing the work outlined above. This includes designing, installing and operating the remedial system, groundwater sampling, waste disposal and all Reporting Requirements. The consultant who contracts with the responsible party must contact the DNR project manager, currently Wendell Wojner, prior to beginning the activities in the scope of work. The scope of work activities must begin within 60 days of signing a contract between the responsible party and the consultant chosen to complete this work effort.

### SECTION 3 - Reporting Timeframes

Within *60 days* of the Commerce notification of the maximum reimbursement amount, the responsible party (RP) must execute a written contract with one of the firms that submitted a bid. Failure to execute the written contract within this time will result in ineligibility of interest expenses incurred from the date of the reimbursement cap letter until a contract is executed and work commences at the site. Work must commence within *45 days* of signing a contract. There are specific reporting requirements in Comm 47.70 to monitor the progress of activities at each bid site and there may be additional reporting requirements outlined above. The consulting firm that is contracted to complete the scope of work is required to report the progress of this site to Commerce electronically on the web site at each of the following points:

1. Within fourteen days of executing or terminating a contract with the RP.
2. Three months after entering into the contract with the RP.
3. Twelve months after beginning the work in the successful bid, unless the project is completed before that time (point 6 applies).
4. Twelve months after submitting the previous report (point 3), unless the project is completed before that time (point 6 applies).
5. No later than 10 days after encountering a change in circumstances (the list of circumstances is in Comm 47.70 (3)).
6. No later than 30 days after completing the work.
7. As directed by Commerce.

If Commerce determines that the consulting firm is failing to make adequate progress to complete the scope of work, Commerce will notify the RP and may reduce the reimbursement to accurately reflect the work completed.

#### Claim Submittal

A claim must be submitted to Commerce within 120 days of submitting the report described in *Reporting Timeframe, point #6*. If a claim is not submitted by the deadline described above, interest costs from the date the report (point #6) is submitted to the date the claim is received will not be reimbursed to the claimant. The claim preparation cost must be included in the Total Bid Amount and is considered within the reimbursement cap.

## Questions and Answers

Questions, answers and interpretations will be considered an amendment of this solicitation. All questions must be submitted in writing (fax and electronic mail submittals are acceptable) to the Bid Manager identified in Section 1 of this solicitation. All answers and interpretations shall be in writing from the Bid Manager. Neither the PECFA program nor Commerce shall be legally bound by any amendments or interpretations that are not in writing. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid End Date. No further questions will be addressed after the deadline for submitting questions identified in Section 1.

### **SECTION 4 - Conditions of Bid**

The successful bidder will be the entity that complies with all provisions of the bid and provides the lowest total cost, excluding interest, for the site-specific bid requirements described in Section 2. In preparing the bid, the bidder must assume compliance with all applicable codes, including, but not limited to, §Comm 46, §Comm 47, and §NR 700 Wis. Admin. Codes.

The bid Commerce selects to determine the least costly method of remedial action will be the least costly qualified bid. Commerce will rank the bids solely on the basis of cost. Evaluation of bids will continue until the least costly qualified bid is identified. Submittals from an individual or firm during their period of disqualification from bidding, submittals received late and for submittals without a certified commitment (performance assurance and/or signature) will not be considered as bids. Commerce may disqualify a bid for the following reasons:

- Requirements of the bid specifications have not been met.
- The remedial strategy is not appropriate to the geologic setting.
- A Total Bid Amount is insufficient to fund the activities described in the bid specifications.

Commerce reserves the right to reject any and all bids.

Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the agency with jurisdiction (Natural Resources or Commerce).

The bidder Commerce intends to select may be required to provide input to and attend a meeting with the PECFA program and the claimant to explain the bid and remedial approach.

If a bid is disqualified, Commerce will provide written notification to any individual or firm that submitted a disqualified bid. The notification shall specify the reasons for the disqualification, and inform the individual or firm of their right to protest or appeal the decision. If a bid is more costly than the bid Commerce intends to select, the bid will not be reviewed.

The *Notice of Intent* will identify the least costly bid, disqualified bid(s) and bid(s) not reviewed. The *Notice of Intent* will be sent to the RP and will be posted on PECFA's Internet Web site.

## SECTION 5 - Instructions to Bidders

Between the bid start and end dates, bidders shall not discuss or attempt to negotiate any aspects of the bid with the RP, other potential bidders or program staff without prior approval of the Bid Manager identified in Section 1. Infractions will result in rejection of the violator's bid and may result in a formal complaint being filed with the Department of Regulation and Licensing.

If access to the site is necessary for the preparation of a bid, access shall be arranged through the Bid Manager. If the Bid Manager is not able to arrange site access, this will not delay the bid process nor negate the comparison and selection from among the bids submitted. All costs associated with a site visit or preparation of a bid will be the bidder's responsibility.

The Bidding Process must conform to the following:

1. The Bid Response shall address all the site-specific bid requirements identified in Section 2.
2. The total bid amount to accomplish the stated goal must include all fees, reporting costs, pre- and post-closure costs and costs for establishing restrictions or institutional controls, when applicable (interest costs are excluded).
3. The submittal must include a copy of the Bid Response document signed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin. The appropriate registration number of the professional license must be included. Registration requirements are listed in Comm 5.
4. Bids *cannot* be faxed directly to the program. Documents received by fax will not be considered.
5. Bids, amendments thereto or withdrawal requests must be received by 4 pm on the bid end date.
6. The consulting firm's name must be included and all pages of the Bid Response.
7. All costs must be printed (ink, typewritten or computer). Errors must be crossed out, corrections entered and initialed by the person signing the bid. Correction fluid is not allowed. No bid shall be altered or amended after the time specified for the bid end date.
8. Each bidder shall fully acquaint themselves with conditions relating to the scope and restrictions attending to the execution of the work under the conditions of this bid. The failure of a bidder to acquaint themselves with existing documented conditions shall in no way relieve any obligation with respect to this bid.
9. All amendments to and interpretations of this bid shall be in writing from the Bid Manager. Neither Commerce nor the program shall be legally bound by any amendment or interpretation that is not in writing.
10. This bid is intended to promote competition. If the language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this bid to a single source, it shall be the responsibility of the interested bidders to notify the program in writing so as to be received five days prior to the opening date. The bid may or may not be changed; however a review of such notification will be made prior to award.



## **SECTION 6 - Bidder Disqualification**

Commerce may disqualify from public bidding any individual or firm that has committed any of the following (Comm 47.67 (1) (a)):

1. Failed to complete the scope of work within the reimbursement cost cap established through public bidding.
2. Failed to complete the scope of work in a bid in a timely manner.
3. Failed to follow DNR rules on the bid project.
4. Received one or more notices from Commerce under s. Comm 47.62 (2) that assess the financial management of an investigation as unacceptable.
5. In any prior occurrence that has been publicly bid, failed to do either of the following:
  - a. Pay subcontractors after receiving payment for them.
  - b. Obtain lien waivers on or before the date of the final payment by the RP or the PECFA program, from all subcontractors paid under subd. 5. a.
6. Failed to execute a contract with the RP as required in s. Comm 47.69 (1).
7. Failed to commence work within 45 days after executing a contract, as required in s. Comm 47.69 (3).

Commerce may disqualify any individual or firm from performing further work on a project if the individual or firm has not completed any of the six reporting points required in Comm 47.70 and outlined in Section 2 of this bid document. Commerce will review and address the issue as stated in Comm 47.70 (4).

## BID RESPONSE

(1<sup>st</sup> Page)

Department of Commerce PECFA Program

**SITE NAME: Rasmussen Fuel Co**

**COMMERCE #: 53713-2247-19**

**BRRTS #: 02-13-001562**

Submit Bid Response To: Cathy Voges  
Public Bid Response  
Department of Commerce PECFA Bureau  
201 W Washington Ave, Madison WI 53703-2790 or  
PO Box 8044, Madison WI 53708-8044

Consulting Firm Name: \_\_\_\_\_

Complete Mailing \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: (     ) - \_\_\_\_\_

Fax Number: (     ) - \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Bidder (check one that applies):

<input type="checkbox"/>	Professional Engineer	License #	_____
<input type="checkbox"/>	Professional Geologist	License #	_____
<input type="checkbox"/>	Hydrologist	License #	_____
<input type="checkbox"/>	Soil Scientist	License #	_____

Total Bid Amount: \$ \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

I certify that I have the authority to commit my organization or firm to the performance of the bid I have submitted.

Signature: \_\_\_\_\_

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

**BID RESPONSE****(2<sup>nd</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME: Rasmussen Fuel Co****COMMERCE #: 53713-2247-19****BRRTS #: 02-13-001562****Consulting Firm Name:** \_\_\_\_\_

A bid will be considered non-compliant if the bid response does not include a separate tabulation of costs for each activity.

1	Installation of two extraction wells	\$	
2	Installation of remedial system	\$	
3	System operation and maintenance from start to one year including analytical sampling for monitoring and disposal of waste. Also include shutdown of the remedial system.	\$	
4	Conduct groundwater monitoring (include analytical costs and waste disposal)	\$	
	Number of groundwater monitoring events		X 8
	Subtotal for groundwater monitoring	\$	
5	Conduct natural attenuation monitoring (include analytical costs)	\$	
	Number of natural attenuation monitoring events		X 3
	Subtotal for natural attenuation monitoring	\$	
6	Prepare quarterly and final reports documenting completion of the bid work scope and reporting requirements in Comm 47.70.	\$	
7	Contingency costs for groundwater sampling per well (including waste disposal)	\$	
8	Contingency cost for PVOC analysis per sample	\$	
9	Contingency cost for PAH analysis per sample	\$	
10	Contingency cost for quarterly report, operation and maintenance of remedial system.	\$	
11	Contingency cost for all closure-related costs, including but not limited to case summary and closeout form and report, GIS Registry requirements, appropriate notification to the public, and well abandonment costs	\$	
12	PECFA Claim Preparation	\$	
13	Total Bid Amount	\$	

**BID RESPONSE**

**(3<sup>rd</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME: Rasmussen Fuel Co**

**COMMERCE #: 53713-2247-19**

**BRRTS #: 02-13-001562**

**Consulting Firm Name:** \_\_\_\_\_

**This response must address all of the site-specific requirements identified in Section 2, and shall support in detail the remedial strategy. Attach additional pages if necessary. *The Commerce Number and Consulting Firm name must be included on all additional pages.* The pages of each Bid Response must be *stapled* together. No paper clips or spiral bindings please.**